

Immediately following the first paragraph on page 1 of the specification, please insert the following heading: --Background of the Invention--.

Immediately following the second full paragraph on page 2 of the specification and immediately before the paragraph beginning with the words "According to the present invention", please add the following heading: --Summary--.

On pages 3, third line of the third full paragraph, please delete "The skilled man" and replace with -- Those skilled in the art --.

On page 5, last paragraph, please insert as depicted in SEQ ID No. 21, amino acids (AAs) 48-66-- immediately after "following amino acid sequence" and before the colon.

On page 6, second paragraph, please insert as depicted in SEQ ID No. 22, AAs 47-67-- immediately after "following amino acid sequence" and before the colon.

On page 6, third paragraph, please insert as depicted in SEQ ID No. 23, AAs 47-97-- immediately after "following amino acid sequence" and before the colon.

On page 9, in the last sentence of the 6th full paragraph, correct the spelling of "Especially" to --Especially--.

On page 14, in the second to last sentence of first full paragraph, please delete "the skilled man" and replace with --those skilled in the art --.

At the top of page 16, please insert the following heading --Brief Description of the Drawings --.

At the top of page 18, please insert the following heading --Detailed Description of the Invention--

On page 18, 3rd line from the bottom of the second paragraph, please insert --(as depicted in SEQ ID Nos. 4, 5, 6, and 7, respectively)-- immediately following "(5'TCAGCACAGG-3')".

On page 19, last paragraph, please insert immediately after "sequence SPPPP" the following --(SEQ ID No. 17)--.

On page 19, last paragraph, please insert immediately after "core sequences HRDVKAAN" the following: --(SEQ ID No. 18)--.

On page 19, last paragraph, please insert immediately after "and GTLGYIAPE" the following --(SEQ ID No. 19)--.

On page 25, 4th line of the last paragraph, please insert immediately after the last sequence listing the following --(SEQ ID NOS: 4, 8, and 9, respectively)--.

On page 25, last line of the last paragraph, please insert after the last sequence listing the following --(SEQ ID NOS: 5, 7, 10, 11, 12, and 13, respectively)--.

On page 26, 5th line, please insert immediately after "5'TCTTGGACCAGATAATTC-3'" and within the brackets the following: --depicted as SEQ ID NO:14--.

On page 26, 10th line, please insert immediately after "(5'ATTGGCATTTCATGG-3')" the following: --(SEQ ID NOS: 15 and 16, respectively)--.

In the Claims:

Please cancel claims 1-46 and substitute therefor the following new claims 47-82:

What is claimed is:

47. An isolated DNA comprising a sequence encoding a protein having the amino acid sequence depicted in SEQ ID No. 3, SEQ ID No. 21 or SEQ ID No. 33, or a protein having an amino acid sequence which is at least 90% similar thereto and which has kinase activity.